

# LIST OF PATENTS AND OTHER ITEMS FOR APPLICANT'S INFORMATION DISCLOSURE STATEMENT

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ATTY. DOCKET NO.  
255/040

SERIAL NO.  
Not Yet Assigned

APPLICANT:  
Michael J. Heller et al.

FILING DATE:  
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1681

## U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBC LASS	FILINGDATE
<i>M</i>	AA	3,950,738	4/76	Hayashi et al.	365	185	7/74
	AB	3,995,190	11/76	Salgo	313	391	12/75
	AC	4,283,773	8/81	Daughton et al.	364	132	4/79
	AD	4,563,419	1/86	Ranki et al.	435	6	12/83
	AE	4,580,895	4/86	Patel	356	39	10/83
	AF	4,584,075	4/86	Goldstein	204	522	11/84
	AG	4,594,135	6/86	Goldstein	204	551	2/85
	AH	4,751,177	6/88	Stabinsky	435	6	6/85
	AI	4,787,963	11/88	MacConnell	204	450	5/87
	AJ	4,807,161	2/89	Comfort et al.	364	550	12/87
	AK	4,816,418	3/89	Mack et al.	436	518	7/85
	AL	4,822,566	4/89	Newman	422	82	5/87
	AM	4,828,729	5/89	Klevan et al.	435	6	11/84
	AN	4,908,112	3/90	Pace	210	198	6/88
	AO	5,063,081	11/91	Cozzette et al.	435	4	8/90
	AP	5,074,977	12/91	Cheung et al.	205	775	10/90
	AQ	5,075,077	12/91	Durley, III et al.	422	56	8/88
	AR	5,096,669	3/92	Lauks et al.	422	61	9/88
	AS	5,096,807	3/92	Leaback	435	6	12/89
	AT	5,125,748	6/92	Bjornson et al.	356	414	5/91
	AU	5,126,022	6/92	Soane et al.	204	458	2/90
	AV	5,143,854	9/92	Pirrung et al.	436	518	3/90
	AW	5,164,319	11/92	Hafeman et al.	435	287	11/89
	AX	5,166,063	11/92	Johnson	435	173	6/90
	AY	5,200,051	4/93	Cozzette et al.	204	403	11/89
	AZ	5,202,231	4/93	Drmanac et al.	435	6	6/91
	BA	5,219,726	6/93	Evans	435	6	6/89
	BB	5,227,265	7/93	DeBoer et al.	430	41	11/90
	BC	5,234,566	8/93	Osman et al.	204	403	4/91
<i>✓</i>	BD	5,242,797	9/93	Hirshfeld	435	6	1/92

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m	BE	5,304,487	4/94	Wilding et al.	435	29	5/92
	BF	5,312,527	5/94	Mikkelsen et al.	205	777	10/92
	BG	5,433,819	7/95	McMeen	216	20	5/93
	BH	5,434,049	7/95	Okano et al.	435	6	2/93
	BI	5,436,129	7/95	Stapleton	435	6	10/93
	BJ	5,445,525	8/95	Broadbent et al.	439	64	5/94
	BK	5,464,517	11/95	Hjerten et al	204	183	1/95
	BL	5,468,646	11/95	Mattingly	436	501	1/95
	BM	5,516,698	5/96	Begg et al.	436	89	4/92
	BN	5,527,670	6/96	Stanley	435	6	8/94
	BO	5,593,838	1/97	Zansucci et al	435	6	5/95
	BP	5,605,662	2/97	Heller et al.	422	68	11/93
	BQ	5,632,957	5/97	Heller et al.	422	68	9/94
	BR	5,653,939	8/97	Hollis et al.	422	50	8/95
	BS	5,660,701	8/97	Grushka et al.	204	451	2/96
	BT	5,681,751	10/97	Begg et al.	436	89	5/95
	BU	5,750,015	5/98	Soane et al	204	454	3/96
	BV	5,849,486	12/98	Heller et al.	435	6	8/96
	BW	6,013,166	1/00	Heller	204	469	4/94
m	BX	6,017,696	1/00	Heller et al.	435	6	7/94

## FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBC LASS	TRANSLATION YES	TRANSLATION NO
↑	BY 0228075	7/87	EP (Dattagupta et al.)				
	BZ 2247889	3/92	GB (Stanley)				
	CA WO95/07363	3/95	PCT (Konrad)				
	CB WO90/01564	2/90	PCT (Adams et al.)				
	CC WO89/01159	2/89	PCT (Cornell et al.)				
	CD WO93/22678	11/93	PCT (Hollis)				
↓	CE WO86/03782	7/86	PCT (Malcolm et al.)				

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✓	CF	WO89/10977	11/89	PCT (Southern)			
	CG	WO88/08528	11/88	PCT (Stanbro et al.)			
	CH	WO92/04470	3/92	PCT (Stanley)			
	CI	WO98/51819	11/98	PCT (Heller et al.)			
	CJ	WO96/01836	1/96	PCT (Heller et al.)			
✓	CK	WO98/01758	1/98	PCT (Kovacs)			
	CL	2156074	10/85	UK (Palva et al.)			
	CM	57087	87	Yugoslavia (Drmanac)			

## OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

✓	CN	Abrams et al. "Comprehensive Detection of Single Base Changes In Human Genomic DNA Using Denaturing Gradient Gel Electrophoresis & a GC Clamp". <i>Genomics</i> , 7, 1990, 463-475
✓	CO	Anand and Southern "Pulsed Field Gel Electrophoresis," <u>Gel Electrophoresis of Nucleic Acids - A Practical Approach</u> , 2d. Ed., D. Rickwood and B.D. Hames (New York: IRL Press 1990), pp 101-123
	CP	Anderson and Young, "Quantitative Filter Hybridization," <u>Nucleic Acid Hybridization - A Practical Approach</u> , Eds. B.D. Hames and S.J. Higgins (Washington, D.C.: IRL Press 1985) pp 73-111
✓	CQ	Bains, "Setting a Sequence to Sequence a Sequence," <u>Bio/Technology</u> , 10:757-758 (1992)
	CR	Barinaga, "Will 'DNA Chip' Speed Genome Initiative?", <u>Science</u> , 253:1489 (1991)
	CS	Beattie et al., "Genosensor Technology," <u>The 1992 San Diego Conference: Genetic Recognition</u> , pp 1-5 (Nov, 1992)
	CT	Beltz et al., "Isolation of Multigene Families and Determination of Homologies by Filter Hybridization Methods," <u>Methods in Enzymology</u> , 100:266-285 (1983)
	CU	Brown et al. "Electrochemically Induced Adsorption of Radio-Labelled DNA on Gold and HOPG Substrates for STM Investigations". <u>Ultramicroscopy</u> , 38, 1991, 253-264
	CV	Conner et al., "Detection of Sickle Cell $\beta^3$ -Globin Allele by Hybridization With Synthetic Oligonucleotides," <u>Proc. Natl. Acad. Sci. USA</u> , 80:278-282 (1983)
✓	CW	Drmanac et al., "Sequencing of Megabase Plus DNA by Hybridization: Theory of the Method," <u>Genomics</u> , 4:114-128 (1989)

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M	CX	Drmanac et al., "DNA Sequence Determination by Hybridization: A Strategy for Efficient Large-Scale Sequencing," <u>Science</u> , 260: 1649-1652 (1993)
	CY	Eggers et al. "Biochip Technology Development", BioChip Technology Development, Lincoln Laboratory Technical Report 901, Nov. 9, 1990
	CZ	Fiaccabrino et al., "Array of Individually Addressable Microelectrodes", <u>Sensors and Actuators B</u> , 18-19 (1994) 675-677
	DA	Fodor et al., "Multiplexed Biochemical Assays With Biological Chips," <u>Nature</u> , 364:555-556 (1993)
	DB	Fodor et al., "Light-Directed, Spatially Addressable Parallel Chemical Synthesis," <u>Science</u> , 251:767-773 (1992)
	DC	Horejsi, "Some Theoretical Aspects of Affinity Electrophoresis," <u>Journal of Chromatography</u> , 178:1-13 (1979)
	DD	Horejsi et al., "Determination of Dissociation Constants of Lectin Sugar Complexes by Means of Affinity Electrophoresis, <u>Biochimica et Biophysica Acta</u> , 499:200-300 (1977)
	DE	Kakerow et al., "A Monolithic Sensor Array of Individually Addressable Microelectrodes", <u>Sensors and Actuators A</u> , 43 (1994) 296-301
	DF	Mathews, Kricka. "Analytical Strategies For The Use Of DNA Probes". <u>Analytical Biochemistry</u> , 169, 1988, 1-25
	DG	Palecek. "New Trends in Electrochemical Analysis of Nucleic Acids". <u>Bioelectrochemistry and Bioenergetics</u> , 20, 1988, 179-194
	DH	Ranki et al., "Sandwich Hybridization as a Convenient Method for the Detection of Nucleic Acids in Crude Samples," <u>Gene</u> , 21:77-85 (1983)
	DI	Saiki, "Amplification of Genomic DNA," <u>PCR Protocols: A Guide to Methods and Applications</u> , (Academic Press, Inc. 1990), pp 13-20
	DJ	Southern et al., "Analyzing and Comparing Nucleic Acid Sequences by Hybridization to Arrays of Oligonucleotides Evaluation Using Experimental Models," <u>Genomics</u> , 13:1008-1017 (1992)
	DK	Strezoska et al., "DNA Sequencing by Hybridization: 100 Bases Read by a Non-Gel-Based Method", <u>Proc. Natl. Acad. Sci. USA</u> , 88:10089-93 (1991)
N	DL	Wallace et al., "Hybridization of Synthetic Oligodeoxynucleotides to $\phi$ x 174 DNA: The Effect of Single Base Pair Mismatch," <u>Nucleic Acid Res.</u> , 6:3543-3557 (1979)

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✓	DM	Washizu, "Electrostatic Manipulation of Biological Objects," <u>Journal of Electrostatics</u> , 25:109-123 (1990)
✓	DN	Washizu and Kurosawa, "Electrostatic Manipulation of DNA in Microfabricated Structures," <u>IEEE Transactions on Industry Applications</u> , 26:1165-1172 (1990)

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